

Date: Thu, 19 Aug 93 04:30:17 PDT
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>
Errors-To: Ham-Digital-Errors@UCSD.Edu
Reply-To: Ham-Digital@UCSD.Edu
Precedence: Bulk
Subject: Ham-Digital Digest V93 #13
To: Ham-Digital

Ham-Digital Digest Thu, 19 Aug 93 Volume 93 : Issue 13

Today's Topics:

 Need advice on Multi-mode controllers (2 msgs)
 PK-900 and PcPackratt for Windows software
 Visual basic and radio..

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 18 Aug 1993 14:20:33 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!spool.mu.edu!
bloom-beacon.mit.edu!mojo.eng.umd.edu!mebly@network.ucsd.edu
Subject: Need advice on Multi-mode controllers
To: ham-digital@ucsd.edu

My wife is a new Tech+ and wants to get involved in VHF packet.

I've always wanted to get into HF RTTY and this looks like my big chance :-).

I'm aware of "cheap" multimode controllers from AEA (PK232), Kantronics (KAM Plus) and MFJ (??). Are any of these reasonable for HF RTTY? Or, should I go to the DSP Multimode controllers (read expensive)? Or, finally, should I get a cheap TNC for packet and something else for HF RTTY?

Please respond via e-mail. I'll provide a summary if there are enough responses.

Thanks and 73.

--

Mark Bailey KD4D
mebly@eng.umd.edu

Motto: Life's too short to drink cheap beer.
Disclaimer: I didn't really say this.

Date: Wed, 18 Aug 1993 21:21:33 GMT
From: world!dts@uunet.uu.net
Subject: Need advice on Multi-mode controllers
To: ham-digital@ucsd.edu

I use the KAM Plus and the PK232 for VHF packet and for HF RTTY. I would recommend the KAM Plus at this point as a better value, since it allows VHF packet and HF activity at the same time. Match with this KaGold and you'll have a nice setup.

The MFJ unit seems to be the most problematic. Many people I have worked on HF RTTY who have them are on their 3rd or 4th unit.

Good luck and we'll see you on the RTTY subbands (and perhaps get a few contest points!).

73,

Dan N1JEB

--

Daniel Senie Internet: dts@world.std.com
Daniel Senie Consulting n1jeb@world.std.com
508-365-5352 Compuserve: 74176,1347

Date: 13 Aug 1993 10:34 EDT
From: lerc.nasa.gov!lerc.nasa.gov!venus.lerc.nasa.gov!nmr1248@purdue.edu
Subject: PK-900 and PcPackratt for Windows software
To: ham-digital@ucsd.edu

Hello,

My husband and I have an AEA PK-900 TNC and are using the AEA PcPakratt for Windows software. Well, since this is a new version of the software, we have been noticing several problems and was wondering if anyone else is encountering these problems. We have been observing things like, the program locking up the computer to the point where even the clock stopped. Several times the

screen would "refresh" itself, i.e. it would redraw the whole screen. Other times, our typing would get ahead of what the program would send out. For example, it would reach the point where a station would be done transmitting to us but we would have to wait for the screen to catch up before we could type back to them.

We use RTTY, AMTOR and Pactor with the PcPakratt and right now there doesn't seem to be a correlation between one mode and a particular problem. We plan to write AEA and let them know of these 'bugs' but first we wanted to know if anyone else has noticed similar problems while using the Pk-900 or another TNC and the PcPackratt for Windows. If anyone has found any solutions to these problems, we would love to hear it.

Thanks for reading this.
Nancy - kc4iyd

P.S. I have been really enjoying AMTOR, Pactor and RTTY. Are there any YL's out there who use these modes and would like to set up a schedule or just email me about your experiences. I have talked to over 40 people in these modes and only one has been a YL. Several OMs told me that I was the first YL they've talked to. :)

Nancy Rabel Hall	nmr1248@venus.lerc.nasa.gov
Space Station Freedom	--... ..-- KC4IYD
NASA - Lewis Research Center	stamp collector, SF addict

Date: Wed, 18 Aug 93 20:05:43 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!doc.ic.ac.uk!uknet!mcsun!sun4n1!
bsoatr!bsdihi!dihi@network.ucsd.edu
Subject: Visual basic and radio..
To: ham-digital@ucsd.edu

Up till now I didn't succeed in finding a nice computer program under windows to control my ts450sat tx/rx.
So the idea was born to write something in visual basic. I am not a programmer at all...

In visual basic it is very easy to create a nice user interface. No prob.
I know the format of the data coming from and going to the transceiver.

Problem: i have to write some coding behind the defined user interface.
So, i looked in the help file to find a command to read and/or write data in a specific format to the com1 port of my pc. Also a statement to configure the comport in the right speed/bitsetting.

HELP programmers/hams of this world. Couldnt find it in the helpfile of Visual Basic. Who helps me a little further with my 'experiment' to build my own GUI??

73's

Dick Hissink PA3DSP
Email:dihi@bsdihl.atr.bso.nl

Date: 18 Aug 1993 23:31:35 GMT
From: nothing.ucsd.edu!brian@network.ucsd.edu
To: ham-digital@ucsd.edu

References <24rs1b\$icc@usenet.INS.CWRU.Edu>, <24s89t\$53v@vixen.cso.uiuc.edu>,
<24th89\$9e0@usenet.INS.CWRU.Edu>
Subject : Re: TCP/IP and unix machines

trier@odin.ins.cwru.edu (Stephen C. Trier) writes:
>I suppose one could get fancy and use Kerberos. Would that violate the
>Part 97 ban on encrypted traffic?

Informed (?) comment on this seems of the opinion that using Kerberos solely for authentication would NOT violate the encryption-to-obscure-meaning section of the USA FCC rules, as long as that was the extent of its use.

That means, of course, that you couldn't use the Kerberos encrypted telnet or rlogin programs which in the mode where they also use an encrypted session stream.

There's a lot of overhead involved in establishing Kerberos authentication for remote login, but it DOES solve the problem of initially logging in to an internet host, in that the initial login would not require a password. The resulting session would be in the clear, however, so you couldn't do any further logins without either chaining authentication or finding some other way (challenge-and-response) to avoid sending those further passwords in the clear.

- Brian

Date: (null)
From: (null)
Cheers,
David
--

willmore@iastate.edu | "Death before dishonor" | "Better dead than greek" |
David Willmore | "Ever noticed how much they look like orchids? Lovely!" |

Date: 18 Aug 1993 15:18:33 GMT
From: pravda.sdsc.edu!news.cerf.net!usc!howland.reston.ans.net!
usenet.ins.cwru.edu!odin!trier@network.ucsd.edu
To: ham-digital@ucsd.edu

References <24pqjc\$nk3@vixen.cso.uiuc.edu>, <24rs1b\$icc@usenet.INS.CWRU.Edu>,
<24s89t\$53v@vixen.cso.uiuc.edu>in
Subject : Re: TCP/IP and unix machines

In article <24s89t\$53v@vixen.cso.uiuc.edu>,
...green spleen... <dobrowol@ux1.cso.uiuc.edu> wrote:
>What I meant to ask was how passwords are sent over packet. Wouldn't others
>be able to "see" a user's password if they were just sent over the
>air 'as is'?

Absolutely.

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Part 97 ban on encrypted traffic?

Stephen

--
Stephen Trier (trier@ins.cwru.edu - MIME OK)
Network Software Engineer
IRIS/INS/T
Case Western Reserve University

Date: Wed, 18 Aug 1993 16:44:33 GMT
From: mvb.saic.com!zipy.Telcom.Arizona.EDU!arizona.edu!CS.Arizona.EDU!noao!
asuvax!gatech!howland.reston.ans.net!vixen.cso.uiuc.edu!@network.ucsd.edu
To: ham-digital@ucsd.edu

References <24rs1b\$icc@usenet.INS.CWRU.Edu>, <24s89t\$53v@vixen.cso.uiuc.edu>,
<24th89\$9e0@usenet.INS.CWRU.Edu>.cso.
Subject : Re: TCP/IP and unix machines

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End of Ham-Digital Digest V93 #13
